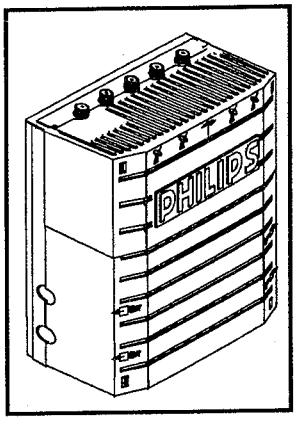
Individual Switch Line

PAS 7540/011 Multi Switch

Service
Service
Service



Service Manual

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Printed in the Netherlands

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Subject to modification

93/10 GB 4822 727 20453

PHILIPS

PCS 65 586

Warnings

a. A set to be repaired should always be connected to the mains via a suitable isolating transformer.
b. The approval of the sets from the reference authorities, like the safety regulations demand that the set be restored to its original condition and that the components identical to the original types be used.

   Safety components are marked by the symbol ⚠

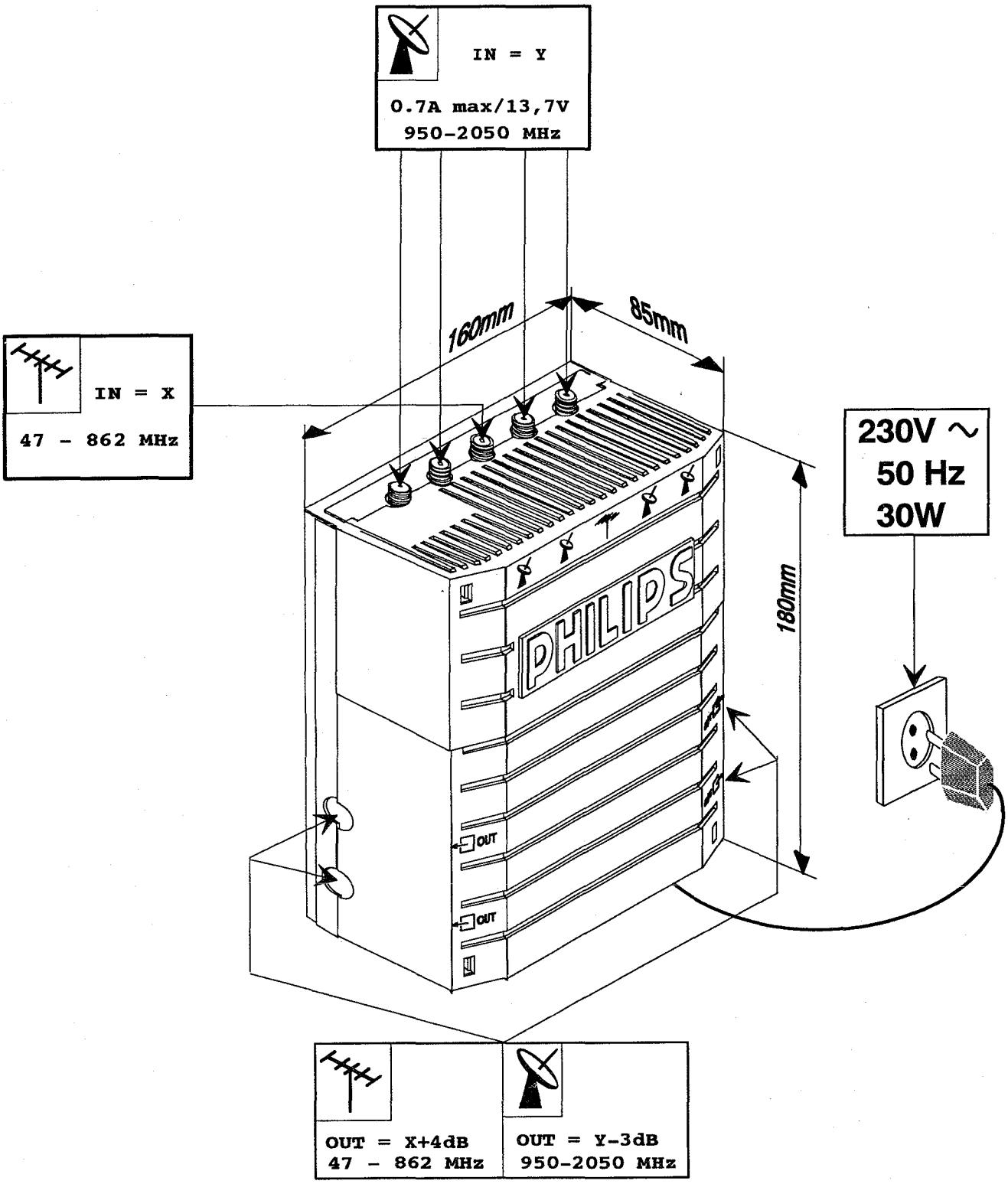
ESD

a. All ICs and many other semi-conductors are susceptible to electrostatic discharges (ESD).
   Careless handling during repair can reduce life drastically.
   When repairing, make sure that you are connected with the same potential as the mass of the set via a wrist wrap with resistance.
   Keep components and tools on the same potential.
b. Never replace any parts while the set is switched on.
c. Use plastic instead of metal alignment tools.
   This in order to preclude short-circuit or to prevent a specific circuit from being rendered unstable.

Remarks

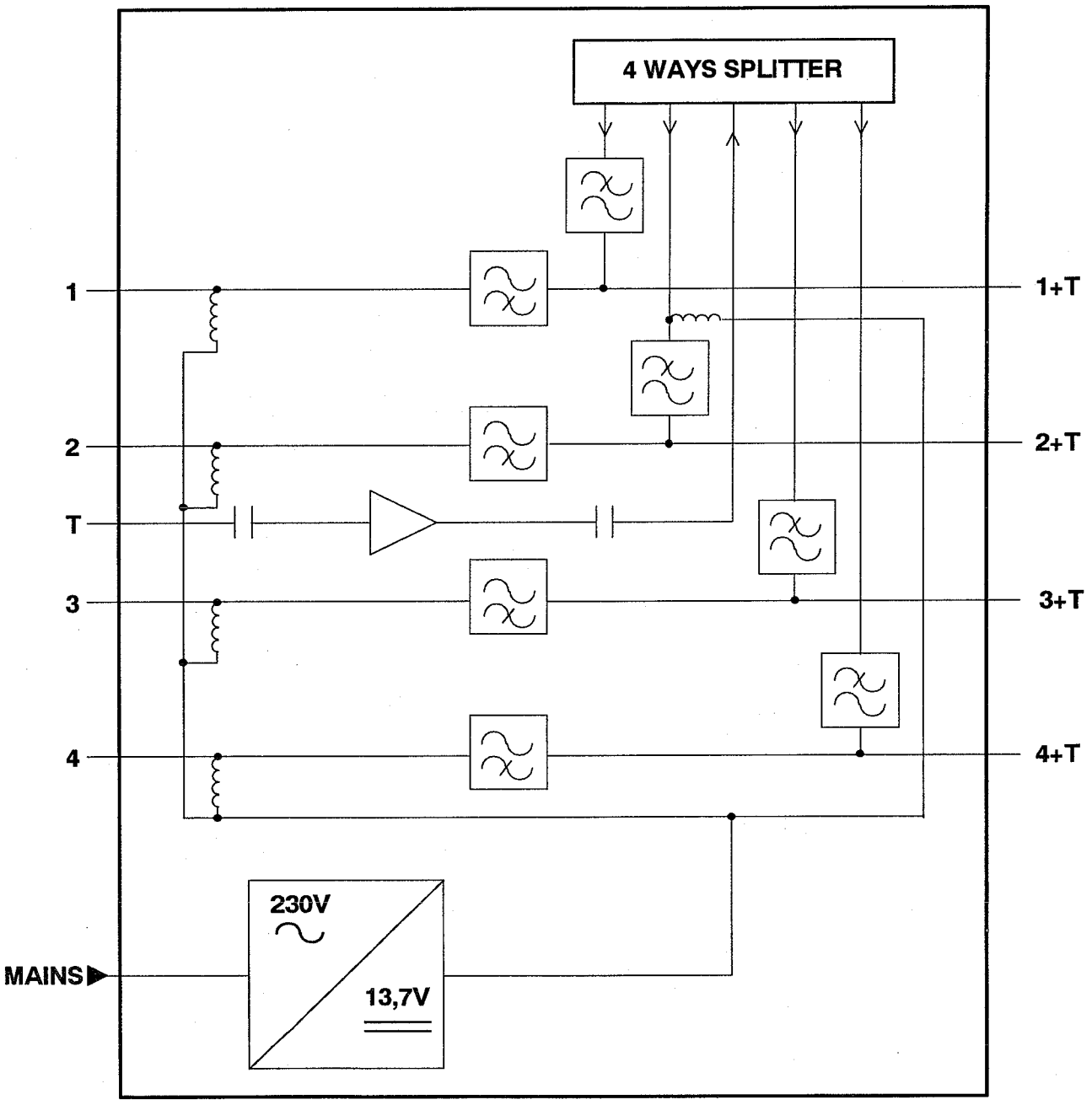
The direct voltages and waveforms should be measured relative to the nearest earthing point on the printed circuit board.

Technical characteristics



Weight : 1,6 Kg

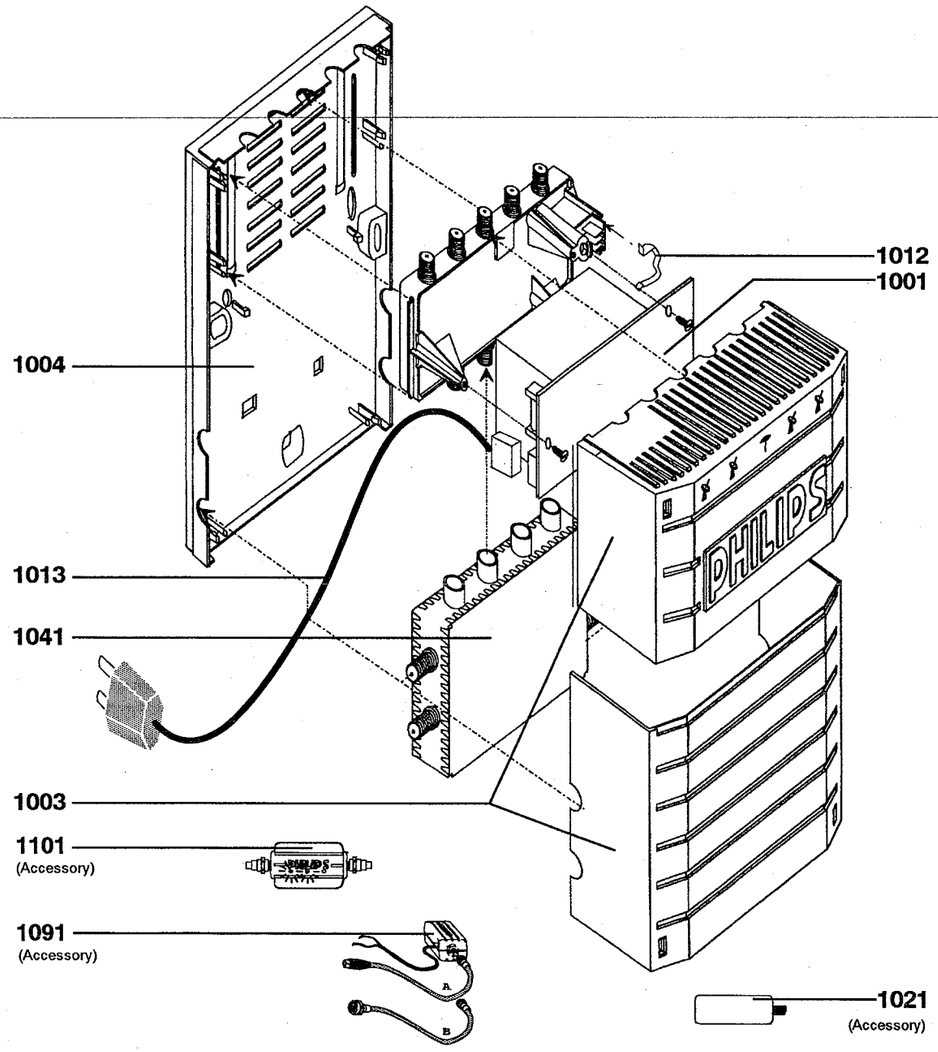
Block diagram



Mechanical Parts

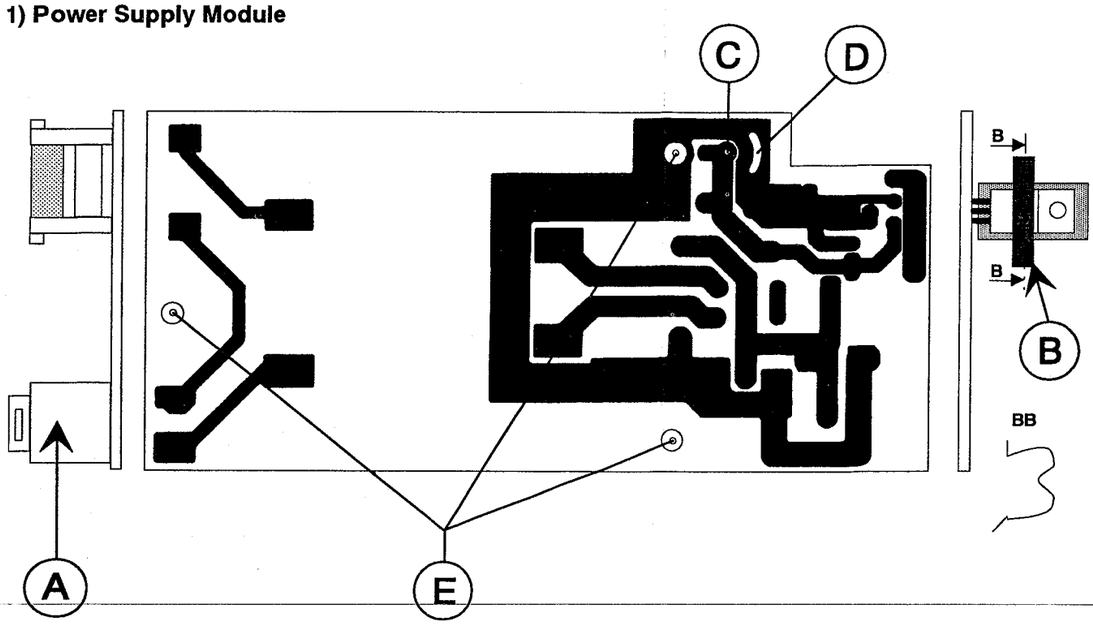
Item	Description		Service code
	DFU Individual Switch Line		4822 736 53654
	ERRATUM DFU		4822 736 53655
1001	POWER SUPPLY MODULE		4822 212 31129
1003	COVERS		4822 432 11135
1004	BACK		4822 432 11133
1012	SPRING CLIP		4822 492 63051
⚠1013	MAINS CORD KIT		4822 212 31133
1021	ATTENUATOR	PAS 6100/001	4822 210 70148
1041	4X4 SWITCH	PAS 7001/041	4822 218 21239
1091	CONTROL INJECTOR	PAS 7001/091	4822 218 21235
1101	CONTROL INDICATOR	PAS 7001/101	4822 218 21236

Exploded view



Note for Kits

1) Power Supply Module

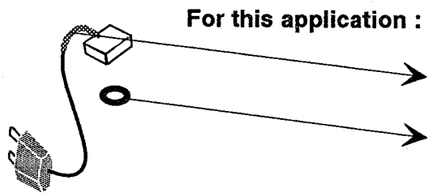


To remove the power supply unit proceed as follow :

- **A** Remove the mains connector
- **B** Remove the regulator spring clip (be careful to the positionning)
- **C** Unsolder the marked point B
- **D** Unsolder the earthing terminal
- **E** Remove the 3 pcb fixing screws

Mounting : Repeat the process in reverse order

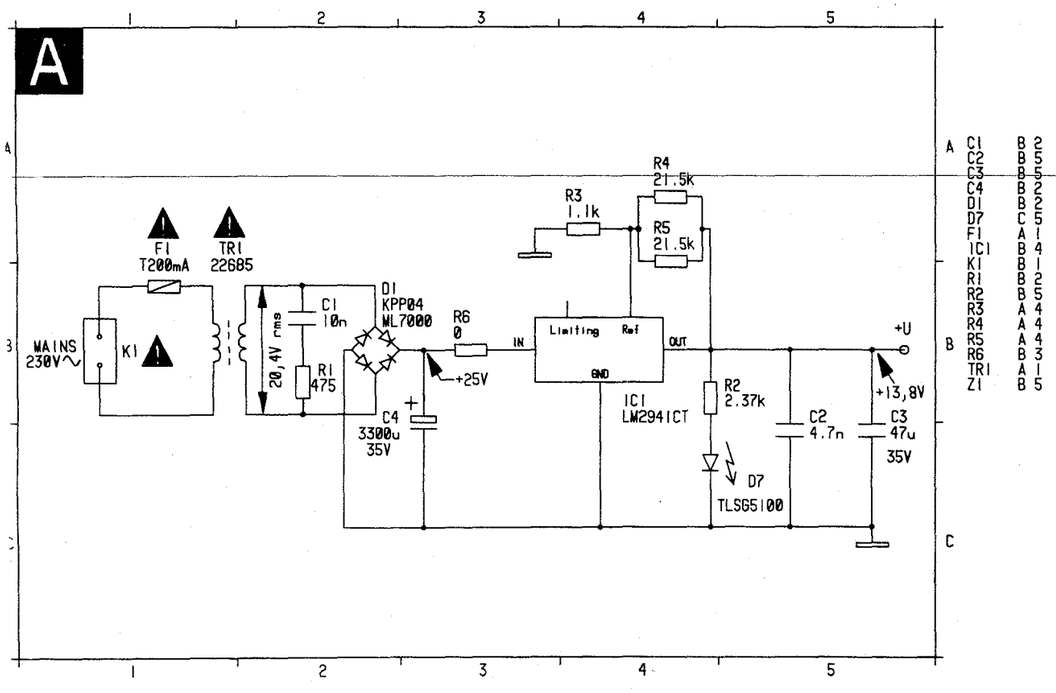
2) Mains Cord Kit



For this application :

- **- Remove the tube**
- **- Do not use the bushing**

Power Supply Panel



| | | |

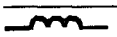
POWER SUPPLY MODULE

Various

F001 ⚠ 4822 256 30274 FUSE HOLDER
K001 ⚠ 4822 265 40596 Mains connector

C001 4822 121 41677 10nF 10% 400V
C002 4822 122 31125 4,7nF 80% 63V
C003 4822 124 40846 47µF 20% 35V
C004 4822 124 42402 3300µF 20% 35V

D001 5322 130 81901 KBP04-ML7000
D007 4822 130 82744 LED TLSG5100



TR01 ⚠ 4822 146 31308 TRANSFORMER

R001 4822 050 24751 475Ω 1% 0,6W
R002 4822 050 22372 2k3 1% 0,6W
R003 4822 050 21102 1k1 1% 0,6W
R004 4822 050 22153 21k5 1% 0,6W
R005 4822 050 22153 21k5 1% 0,6W

R006 5322 290 80815 WIRE,RESISTANCE

IC01 4822 209 32955 LM2941CT